

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

**Base Year Modification Request Certification**

**Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, (MS-25)  
PO Box 4025  
Sacramento, CA 95812-4025



**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

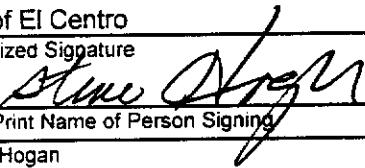
1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.  
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

**Section I: Jurisdiction Information and Certification**

*All respondents must complete this section.*

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name City of El Centro	County Imperial		
Authorized Signature 	Title Director of Public Works		
Type/Print Name of Person Signing Steve Hogan	Date 4/15/2002	Phone ( ) Include Area Code 760-337-4538	
Person Completing This Form (please print or type) JB West	Title Recycling Coordinator		
Affiliation: Imperial Valley Waste Management Task Force			
Mailing Address 1275 Main Street	City El Centro	State CA	ZIP Code 92243
E-Mail Address <a href="mailto:jwest@CityofElCentro.org">jwest@CityofElCentro.org</a>			

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Jurisdiction Name		County	
City of El Centro		Imperial	
Authorized Signature		Title	Director of Public Works
Type/Print Name of Person Signing		Date	Phone ( ) Include Area Code
Steve Hogan		4/15/2002	760-337-4538
Person Completing This Form (please print or type)		Title      Recycling Coordinator	
JB West			
Affiliation:	Imperial Valley Waste Management Task Force		
Mailing Address		City	State
1275 Main Street		El Centro	CA
E-Mail Address		92243	
		<a href="mailto:jwest@CityofElCentro.org">jwest@CityofElCentro.org</a>	

Section II: Information for New Generation-Based Study for Existing or New Base Year			
Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").			
Note: New base years must be representative of a jurisdiction's disposal and diversion.			
1. Current Board-approved existing base year:	2. Proposed new generation-based study year:		
1991	2000		
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:			
The original base year did not include commercial and industry diversion tonnage. The new base year represents more accurate diversion status.			
4. Enter diversion rate information below.			
Diversion rate calculated using existing base year	a. 22 %	Diversion rate calculated using new generation-based study	b. 54 %
For existing base year pounds/person/day based on generation	7.66	For new generation based study pounds/person/day based on generation	2.5
Residential generation 47 % Non-Residential generation 53 %		Residential generation 47% % Non-Residential generation 53% %	
Population existing generation-based study	33,000	Population new generation-based study	38,300
5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).			
In 1996 two large construction and demolition facilities began recycling operations in the Imperial County. Both of these organizations maintain records which delineate the jurisdictions from which materials are collected. We also collected info from renderers and scrap metals handlers which had not been in operation at the earlier date.			
6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)			
In 1996 two large construction and demolition facilities began recycling operations in the Imperial County. Both of these organizations maintain records which delineate the jurisdictions from which materials are collected. In the City of El Centro the combined diverted tonnage accounts for over 90% of the total diverted tonnage for the new base year study.			

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<b>7. Disposal Tonnage (enter values):</b>	<b>21142</b>	<b>23841</b>	<b>Non-Residential</b>	<b>Total</b>
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Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at [www.ciwmcb.ca.gov/LGCentral/Forms/ytnmdrq.doc](http://www.ciwmcb.ca.gov/LGCentral/Forms/ytnmdrq.doc))

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at [www.ciwmcb.ca.gov/LGCentral/Forms/ytnmdrq.doc](http://www.ciwmcb.ca.gov/LGCentral/Forms/ytnmdrq.doc))

**8.** In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

<b>Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.</b>				
Diversion Activity	Actual tons	Relative Percent to Specific Material Type(s) (that generate multiple materials)	Specific Conservation Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmcb.ca.gov/LGCentral/FansCo/descReduc.htm">www.ciwmcb.ca.gov/LGCentral/FansCo/descReduc.htm</a>	(A)	Total Generation		
Residential Source Reduction Activities				
Backyard composting		0.0%		
Green recycling		0.0%		
Other Residential Source Reduction (list each program separately)				
Enter program name		0.0%		
Enter program name		0.0%		
Enter program name		0.0%		
Enter program name		0.0%		
Subtotal, Residential Source Reduction	0	0.0%		
<b>Residential Recycling Activities</b>				
Curbside Recycling	347	0.4%	Cardboard, mixed paper, aluminum, cans, glass	Weight Tickets
Drop-off Centers	154	0.2%	Glass, Plastic, Cardboard	Weight Tickets
Buyback Centers				
Drop-off Centers				

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Division/Activity	Actual tons	Relative Percent to (Actual Generation)	Total Generation	Specific Commodity Type (List operation with more than one type of Recycled Material and Source)
Please use the Board's program types: The program type glossary is online at: <a href="http://www.ci.wm.us/glossary/GGentl/ParsCo/gesReduce.htm">www.ci.wm.us/glossary/GGentl/ParsCo/gesReduce.htm</a>	(a)			
<b>Other Residential Recycling (List each program separately)</b>				
Enter program name				
Enter program name				
Enter program name				
Enter program name				
<b>Subtotal Residential Recycling</b>	500	0.5%		
<b>Residential Composting Activities</b>				
Green Waste Drop-off				
Curbside Green Waste	976	1.0%		
Christians Tree Program				
<b>Other Residential Composting (List each program separately)</b>				
Enter program name				
Enter program name				
Enter program name				
Enter program name				
<b>Subtotal Residential Composting</b>	976	1.0%		
<b>Subtotal Residential Diversion</b>	176	1.5%		
<b>Non-Residential/Source Reduction Activities:</b>				
Non-Residential/Waste Audits				
<b>Other Non-Residential/Source Reduction (List each program separately)</b>				
Enter program name	0	0.0%		
Enter program name				
Enter program name				
<b>Subtotal Non-Residential Source Reduction</b>	0	0.0%		

See Section 9

See Section 9

See Section 9

See Section 9

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Division Activity		Actual ton*	Estimated ton to Specified Material Type(s) (Set operation weight per material)	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.dawn.ca.gov/LGCentral/Pats/Co-dec/dec.htm">www.dawn.ca.gov/LGCentral/Pats/Co-dec/dec.htm</a>	(A) Total Generation			
On-site Commercial Recycling	Recycling			
On-site Commercial Pick up	On-site Commercial Pick up	1341	1.4%	cardboard, CHP, pellets grease
Other commercial rendering	Other commercial rendering	62	0.1%	Pallets, garments, hangers, plastic bags, cardboard, grass, buckets, paper, mixed produce, toner cartridges, newspaper glass, Plastic, cans
CRV	Enter program name	2350	2.4%	Actual weights, measurements, conversion table in CIWMB Guide DOC records
Subtotal Non-Residential Recycling	Subtotal Non-Residential Recycling	1649	1.7%	
Non-Residential Composting Activities	Non-Residential Composting Activities	3.02	0.1%	
Non-Residential Waste Audit*	Non-Residential Waste Audit*	1237	1.3%	
Other Non-Residential Composting (list each program separately)	Other Non-Residential Composting (list each program separately)			
Enter program name	Enter program name			
Enter program name	Enter program name			
Enter program name	Enter program name			
Enter program name	Enter program name			
Subtotal Non-Residential Composting	Subtotal Non-Residential Composting	1297	1.3%	
Residential/Non-Residential Diversion Activities	Residential/Non-Residential Diversion Activities	66.93	6.9%	
ADC	ADC			
Sludge	Sludge			
Scrap Metal	Scrap Metal	2550	28%	scrap metal
Construction and Demolition	Construction and Demolition	42000	43.0%	inert, concrete and asphalt
Larson Sludge	Larson Sludge			
Subtotal Residential Non-Residential Diversion	Subtotal Residential Non-Residential Diversion	4550	45.8%	
Total Res-Non-Res-Source Reduction Tons	Total Res-Non-Res-Source Reduction Tons	6	0.1%	
Total Diversions	Total Diversions	52736	54.0%	
Total Disposal Tons from Sec. 7	Total Disposal Tons from Sec. 7	44983	46.0%	
Total Generation Tons (Ch 405)	Total Generation Tons (Ch 405)	97739	55%	
Diversion Rate	Diversion Rate			

9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.  
**(Table will perform all addition calculations).**

Type of Non-Residential Generator	Audit Reference Number	Specific Major Diversion Activities include Material Type (e.g., paper recycling, grass/cycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation in Section 8	Generation (Total Tons/Total Generation in Section 8)	Survey Method
Newspaper	11	Recycling		112		112		11.75	0.1%
Supermarket	1	Recycling		184		184		183.61	0.2%
Retail	25	Recycling		507		507		507	0.5%
Supermarket	24	Recycling		43	1249	1292.67		1292.67	1.3%
Supermarket	69	Recycling		71		71.24		71.24	0.1%
C & D	9	Inert materials		26000		26000		26000	26.6%
C&D	99	Concrete & asphalt scrap metal		16000		16000		16000	16.4%
Scrap metal	144	cardboard, newspaper, pallets		2550		2550.44		2550.44	2.6%
Buyback	141			1340		1340.3		1340.3	1.4%
Render	142	Grease		62		62.05		62.05	0.1%
		Totals		46869.87	1249.19	4819.06		49.2%	P

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

cardboard recycling: quantified by measuring and weighing bales; plastics used CIWMB conversion weight; meat scraps, used actual weight; HDPE , sheet plastics, plastic PVC bucket and paper records quantified by using CIWMB conversion table

newspaper: quantified by using weight tickets

pallets: quantified by using CIWMB conversion table

cardboard: used records of shipments and actual weights of bales

inert: used actual weight tickets

renderer: used weight tickets and route sheets

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

**Note:** *program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept. ).*

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids	▼ Recycling and grinding of concrete & asphalt	1996	42000
Inert Solids	▼ Recycling and grinding of concrete & asphalt	1992	26000
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

**Note:** *If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.*

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** *Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.*

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

Pull Down for Waste Types	▼				
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8 Farming	Composting	Lettuce	4 pallets of food per day/42 boxes on a pallet/72 pallets per month/3024 boxes in a year @ 15 lbs per box = 45,000 lbs		22.68	
24 Supermarket	Recycling	Cardboard	20 bales/wk @500 lbs per bale	26.00		<b>22.68</b>
	Recycling	Plastic	30 bags/wk 33 gallon bags	2.34		
	Composting	Produce waste mixed loose	2 pallets a day, 5 days per week, pallets 4 x 5 x 5=100 cubic feet=3.7 cubic yards per pallet;1724 cubic yards per year @1,443 lbs each		1243.86	
	Recycling	Meat Scraps-rendering	10 33 gallon plastic barrels(33 gallons =4.41 cubic feet)per week =44.1 cub feet per week x 52 weeks = 213.2 cubic feet per week @ 50 lbs per cubic yard =10,660 pounds	5.33		
	Recycling	Office paper	2 boxes (2x3x2=12 cubic feet)per week=24 cubic feet per week x 52 weeks = 1248 cu. Ft a year =46.22 cubic yards @ 655 lbs per cubic yard= 30,274 lbs	15.14		<b>1292.67</b>
28 Government	Recycling	Office paper	flatbed truck holds 25 bags = 30" x 48" x 30"- 100 bags per month @ 9 lbs per bag = 10,800 lbs	5.40		
		Pallets	50 per yr @ 40 lbs per pallet	1.00		
		plastic buckets	25 50-gallon buckets @ 2 lbs ea. =	0.03		
		concrete and asphalt	3 5-ton truck loads per year @ 1 ton each	5.00		
		grass	5 acres mowed 1 x a week for 6 months; don't mow for winter months@4200 pounds per acre per year dried=21,000 lbs per yr = 10,500 lbs per 6 months		5.25	
		grass	1 acre mowed 1 x a week for 6 months x 4,200 lbs per acre per yr dried - 2100 lbs		1.05	
					17.73	

69	Grocery	recycling	cardboard	20,000 pounds per quarter (off P & L report) = 80,000 lbs per yr	40.00		
		recycle	plastic bags	1 33-gallon bag every 2 weeks @3 lbs ea = 72 lbs	0.04		
		recycle	Pallets	30 per week x 1560 per yr. @ 40 lbs = 62,400 lbs	31.20		
					71.24		
45	Linen	Recycling	hangers	12,000 hangers @ 1.3 oz per hanger - 15,600 ounces=975 lbs	0.48		
		Reused	garments	1,200 lbs of garments, sheets, and blankets per year	0.60		
		Recycling	pallets	80 pallets per year @ 40 lbs per pallet = 3,200 lbs per year	1.60		
					2.68		
						2349.56	
<b>Materials Handlers</b>							
9	C&D	recycling	inert materials	weight tickets	26,000		
99	C&D	Recycling	concrete and asphalt	weight tickets	16000.00		
141	BuyBack	Recycling	cardboard	weigh tickets	1018.00		
		Recycling	newspaper	weigh tickets	310.80		
		Recycling	pallets	weigh tickets	11.50		
126	Buy-Back	Recycling	aluminum	weight tickets	66.91		
			glass	weight tickets	72.87		
			plastic	weight tickets	13.94		
142	Renderer	Recycling	grease	weigh tickets and route sheets	62.05		
					62.05		
143	Residential Curbside	Recycling	cardboard, glass, paper, plastic	weight tickets	346.51		
		Composting	green waste	weight tickets	975.97		
144	Metal collector	Recycling	metal	weight tickets	2,550.44		
					2,550.44		

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145 CRV	Recycling	CRV	weight tickets	1648.84	1648.84	1322.48
				0.01	44973.96	2254.14
<b>Totals</b>				<b>51427.39</b>		